Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 14 Sep 2023 until 23:59 on Friday 15 Sep 2023

Forecast Issued on Wednesday 13 Sep 2023 at 15:03

Confidence: A band of rain stalls across the central of the UK on Thursday with uncertainty regarding exact position, most likely scenario is rain positioned across the park throughout the day which is what is represented here, however if rainband is further north or south then this may lead to a day of less frequent rain than detailed below. Confidence greater for Friday to be a more pleasant day, with confidence then reducing again regarding thundery showers into the weekend.

Headline for Thursday 14 Sep 2023: Cloudy with outbreaks of rain throughout

Mountain weather hazards on Thursday 14 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Light rain	Light rain	Light rain	Light rain	Light rain	Cloudy
Precipitation probability							
40%	70%	60%	50%	50%	60%	60%	40%

Forecast for Thursday 14 Sep 2023

Weather: Outbreaks of rain and drizzle expected throughout the day which may be persistent and perhaps heavy at times. Rain may ease for a time during the morning but if so is likely to return during the afternoon, but there is currently low confidence regarding details. Rain expected to move slowly north of the park into the evening, giving some drier conditions later.

Chance of cloud-free hill tops above 600m: 20% perhaps rising for 40% for a time during the morning.

Low cloud and visibility: Extensive low cloud expected across the park with bases around 400m. Bases may rise to around 500m to the north of the park during the morning before deteriorating again in the afternoon. Again confidence is low regarding details and it may be the case all hills are completely shrouded in low cloud throughout. Visibility expected to be moderate or poor, deteriorating to very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Thursday 14 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 SW	20/27 SW	19/27 SW	13/17 SW	10/14 SW	8/12 SW	5/7 SW	6/9 E	9/13 SE
300	14/21 S	15/23 SW	14/23 SW	9/12 SW	7/10 SW	6/9 W	3/5 W	4/6 SE	6/10 SE
Valley	8/21 S	7/20 S	9/20 SW	6/11 SW	5/10 SW	5/9 W	2/4 NW	3/6 SE	4/11 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	10/6	10/7	11/8	12/10	12/11	12/11	11/10	11/10
300	13/11	12/9	12/10	13/11	14/13	14/14	14/14	13/13	14/13
Valley	14/12	12/11	12/11	14/13	15/14	15/15	14/14	14/14	14/13
Freezing Level*	3200m	3100m	3100m	2900m	3000m	3000m	3000m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cloudy and wet day across the slopes, good waterproofs will be required and they may not have the time to dry off if rain is persistent. Widespread low cloud leading to poor visibilities so good navigation skills likely to be required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 12 Sep 2023	0mm	0mm	4mm

Forecast for Friday 15 Sep 2023

Weather: Thursday's rain expected to clear northwards through the early hours of Friday morning to leave a much more pleasant day on the slopes. Patchy low cloud may linger across the tops at first, before lifting and breaking through the morning to give some good sunny spells in the afternoon.

Maximum wind: Southeasterly 10-15mph, gusting 20mph

Chance of cloud-free hill tops above 600m: 40% rising to 80% through the morning

Low cloud and visibility: Patchy low cloud may cover slopes above 400m at first, soon clearing off the highest tops through the morning. Visibility poor at first in cloud, but soon becoming very good from most of the day.

Temperature: **Valleys:** Plus 12 rising to plus 18 Celsius
At 600m: Plus 11 rising to plus 15 Celsius
Freezing level: Above summits

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